

INTERNATIONAL SEARCH REPORT

International Application No

PCT/ 03/01047

389525569

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47C9/00 A47C1/022 A61H1/00

ISCd T/PTO 25 FEB 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61H A47C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 090 770 A (HEINRICHS HEINZ-JOSEF ET AL) 25 February 1992 (1992-02-25)	1,2,8, 11,12
Y	claims 1,4-7; figures	3-6, 13-17
A		7
Y	WO 02 41735 A (CASSADAY TERRY) 30 May 2002 (2002-05-30)	3-6
A	page 6, line 13-16; claims 4-9,16; figures	9,10
Y	US 5 624 383 A (REINECKE STEVEN M ET AL) 29 April 1997 (1997-04-29)	13,14
	column 3, line 49-53; claims 1,5; figures 1,3	
Y	US 5 868 687 A (TEDESCO ROMEO) 9 February 1999 (1999-02-09)	15,16
	column 5, line 11-13; claims 1,2; figures	
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

12 December 2003

Date of mailing of the international search report

29/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Amghar, N

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 98/01047

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 38 03 903 A (WEITHAS FRITZ) 17 August 1989 (1989-08-17) column 2, line 53; claim 4; figure ---	17
X	US 5 556 163 A (ROGERS III M WELDON ET AL) 17 September 1996 (1996-09-17) column 2, line 23-29; figures ---	1,2
A	US 4 628 188 A (ANDREASSON JAN) 9 December 1986 (1986-12-09) abstract; figures -----	17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/03/01047

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5090770	A	25-02-1992	DE 3913849 A1	31-10-1990
			AU 624499 B2	11-06-1992
			AU 5389190 A	01-11-1990
			DE 59007188 D1	27-10-1994
			EP 0395057 A1	31-10-1990
			ES 2060851 T3	01-12-1994
			JP 2299609 A	11-12-1990
			JP 2944705 B2	06-09-1999
WO 0241735	A	30-05-2002	CA 2327000 A1	27-05-2002
			AU 9534701 A	03-06-2002
			WO 0241735 A1	30-05-2002
			EP 1337169 A1	27-08-2003
			US 2003130582 A1	10-07-2003
			US 2002065470 A1	30-05-2002
US 5624383	A	29-04-1997	AU 1877295 A	04-09-1995
			BR 9506860 A	23-09-1997
			CA 2183150 A1	24-08-1995
			EP 0746299 A1	11-12-1996
			FI 963215 A	14-10-1996
			JP 9510373 T	21-10-1997
			NO 963485 A	10-10-1996
			WO 9522307 A1	24-08-1995
			US 5637076 A	10-06-1997
			DE 69321876 D1	10-12-1998
			DE 69321876 T2	12-05-1999
			EP 0572197 A1	01-12-1993
			ES 2124287 T3	01-02-1999
			JP 2898508 B2	02-06-1999
			JP 6047066 A	22-02-1994
US 5868687	A	09-02-1999	CA 2207192 A1	05-12-1998
DE 3803903	A	17-08-1989	DE 3803903 A1	17-08-1989
US 5556163	A	17-09-1996	NONE	
US 4628188	A	09-12-1986	CA 1222272 A1	26-05-1987
			EP 0142544 A1	29-05-1985
			FI 850053 A	04-01-1985
			SE 8302536 A	05-11-1984
			WO 8404440 A1	08-11-1984